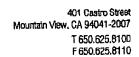
Complete and send this form, together with applicable fee(s), to: Mall New ISSUE FEE Completing 23313-1450  OF EN (571)-77-2685  STRUCTION Surface from doubted to used for reasoning to: 1850E FEB and PUBLICATION FEE (if required). Blacks 1 lbmmp 5 should be completed where the completed on the completed where the completed where the completed on the completed where the large of efficiency and the completed where the comple				- RFF(2) I KW.						
properties. All patters on defenced otherwise in Block 1 by (c) specifying a sow correspondence editors; analyte (b) indicating a separate "Fise ADDRASS" of the continuous of properties and the continuous of properties and the continuous of properties and the continuous of the cont	7006			or <u>Fax</u>	P.O. Alex (571)	Box 1450 andria, Virginia 22 -273-2885	313-1450	should be	completed where	
Total State   Comment	ppropriate. All further of dicated unless correcte	d peron or directed other	r transmitting the ISSU: the Patent, advance on rwise in Block 1, by (a)	specifying a new co	ottesb	ondence address; and/or	(b) indicating a sep	arate °FBI	B ADDRESS" for	
SCHIRE, SANDERS & DEMPSEY LL.P. 680-11ANSEN WAY PACK ALFO, CA 94304-1843  SUCHRUE MION, PLLC  401 Castro Street, Suite 220  Mountain View, CA 94041-2007  Mariann Tam  Moreower of Cottober 11, 2006  Mariann Tam  Moreower of Cottober 11, 2006  Mountain View, CA 94041-2007  Mariann Tam  Moreower of Cottober 11, 2006  Mountain View, CA 94041-2007  Mariann Tam  Moreower of Cottober 11, 2006  Mountain View, CA 94041-2007  Mariann Tam  Moreower of Cottober 11, 2006  Mountain View, CA 94041-2007  Mariann Tam  Mariann T			ck I for any change of address)		F(")	Transmitted This contin	ርኳት እና የተሰለበ በጵያ ሀገዳውር ሀ	ior any ou	DEL RECOURDEDANIANS	
SUGHRUE MION, PLLC  401 Castro Street, Suite 220  Mountain View, CA 94041-2007  APPLACION NO. FILING DATS  ASSIGNEE  FRANKINER  ART UNIT  CLASS-SUBCLASS  01 10/12/92006  FILING REBRAHI 00000039 194880 10033646  FOLDAS, MIDYS  2185  711-162000  10/12/92006  FILING REBRAHI 00000039 194880 10033646  ROJAS, MIDYS  2185  711-162000  10/12/92006  FILING REBRAHI 00000039 194880 10033646  ROJAS, MIDYS  2185  711-162000  10/12/92006  FILING REBRAHI 00000039 194880 10033646  ROJAS, MIDYS  2185  711-162000  10/12/92006  FILING REBRAHI 00000039 194880 10033646  ROJAS, MIDYS  2185  711-162000  10/12/92006  FILING REBRAHI 00000039 194880 10033646  ROJAS, MIDYS  2185  711-162000  10/12/92006  FILING REBRAHI 00000039 194880 10033646  10/12/92006  FILING REBRA	SQUIRE, SAN	<del>DERS &amp; DEMPS</del> <del>/A</del> Y			l here States	Certificate by certify that this Fee(s to Postal Service with suff	of Mailing or Trans ) Transmittal is being inject postage for fire SSUR FRE address	smission g deposite est class m	ed with the United wil in an envelope or being faceimile	
MOUNTAIN VIEW, CA 94041-2007  APPLICATIONNO. FILING DATE  PRIST NAMED INVENTOR  ATTORNEY DOCKET NO. CONFIRMATIONNO.  INVENTOR: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION  APPLIN. TYPE  SMALL SHTITY  ISSUE PER DUE  PUBLICATION PER DUE  PREV. PADD ISSUE PEE  TOTAL PER(S) DUE  DATE DUE  LIMITED STANDARD INVENTOR: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION  APPLN. TYPE  SMALL SHTITY  ISSUE PER DUE  PUBLICATION PER DUE  PREV. PADD ISSUE PEE  TOTAL PER(S) DUE  DATE DUE  LIMITED STANDARD INVENTOR: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION  APPLN. TYPE  SMALL SHTITY  ISSUE PER DUE  PUBLICATION PER DUE  PREV. PADD ISSUE PEE  TOTAL PER(S) DUE  DATE DUE  LIMITED STANDARD INVENTOR: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION  APPLN. TYPE  SMALL SHTITY  ISSUE PER DUE  PUBLICATION PER DUE  PREV. PADD ISSUE PEE  TOTAL PER(S) DUE  DATE DUE  10/12/2006 RREBRAHI  00000039 194880  10/12/2006  10/12/2006 RREBRAHI  00000039 194880  10/12/2006  10/12/2006 RREBRAHI  00000039 194880  10/12/2006  10/12/2006 RREBRAHI  10/10/2006 RREBRAHI  10/1										
MOUNTAIN VIEW, CA 94041-2007  APPLICATION NO. FILING DATS FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFEMANTION NO. 10033-648 12727/2001 Keqij Yamagami A6992-99099-QHAL-1999. CA1468 7987  TITLE OF INVENTION: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION  APPLIN TYPE SMALL SINTITY ISSUE PRE DUB PUBLICATION FEB DUB PREV. PAID ISSUE PRE TOTAL PER(S) DUB DATE DATE DUB DATE DATE DUB DATE DATE DUB DATE DATE DUB DATE DATE DUB DATE DATE DATE D										
APPLICATION NO.   FILING DATS   FIRST NAMED INVENTOR   ATTORNEY DOCKET NO.   CONFIRMATION NO.    10/03/3.64   1277/2001   Kepji Yamagami   36992.68689 (HAL-198)   CA1468 7987    APPLIN TYPE   SMALL ENTITY   ISSUE PER DUB   PUBLICATION PSS DUE   PREV. PAID ISSUE PER   TOTAL PERS) DUB   DATE DUB   IMPROVISIONAL   NO   \$1400   \$330   10/12/2006 RIEBRAHI   00000039   194880   10/19/2006    EXAMINER   ART UNIT   CLASS-SUBCLASS   1/2/2006 RIEBRAHI   00000039   194880   10/19/2006    EXAMINER   ART UNIT   CLASS-SUBCLASS   01/2/2006 RIEBRAHI   00000039   194880   10/19/2006    EXAMINER   ART UNIT   CLASS-SUBCLASS   01/2/2006 RIEBRAHI   00000039   194880   10/19/2006    FOR 18-18-19   Change of correspondence address (or Change of Correspondence Address from 170/58/19/2) stated on the correspondence address (or Change of C			07							
10033,646 12/27/2001 Keuji Yamaganai 36992-69089-61Ad-1989 CA.1468 7987  TITLE OF INVENTION: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION  APPLN TYPE SMALL ENTITY ISSUE PER DUE PUBLICATION PER DUE PREV. PAID ISSUE PER TOTAL PERGS DUE DATE DUE numprovisional NO 51400 \$3400 10/12/2006 RREBRAHI 00000039 194880 10/12/2006 PER 15(3) 40/12/2006 RREBRAHI 00000039 194880 10/12/2006 PER 15(3) 40/12/2006 RREBRAHI 00000039 194880 10/12/2006 PER 15(3) 40/12/2006 PER 15(3) 40/12/				PLRST NAMED INVEN	TOR	ATTO	RNBY DOCKET NO.	CONFI	IRMATION NO.	
APPIN TYPE SMALL ENTITY ISSUE PER DUR PUBLICATION PSR DUE PREV. PAID ISSUE PER TOTAL PER(S) DUE DATE DUR DUP/2006  EXAMINER ART UNIT CLASS-SUBCLASS 01 10/12/2006 REBRAHI 00000039 194880 10033646  ROJAS, MIDYS 2185 711-162000 02 FC:1501 1400.00 pg 1000039 194880 10033646  Change of correspondence address or indication of "Fee Address" (37 Cl Classes from PTO/SB/122) state-bol. Classes from PTO/SB/122) state-bol. Classes from PTO/SB/1220 state-bol. Classes fro		12/27/2001		Kenji Yamagam	i	3699	1.00089 (HAL 198)	CA1468	g <b>798</b> 7	
EXAMINER  ROIAS. MIDYS  2185  711-162000  101/12/2006 RHEBRAH1 00000033 194880 10033646  ROIAS. MIDYS  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  2185  711-162000  22. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys 1 SUGGIRRUE MION. PLLC  (2) the name of a single firm (having as a mammeter as pagent) and the names of up to 3 registered patent attorneys 1 sunderly.  (2) the name of a single firm (having as a mammeter as pagent) and the names of up to 3 registered patent attorneys 1 sunderly.  (2) the name of a single firm (having as a mammeter as pagent) and the names of up to 3 registered patent attorneys 1 sunderly	IIITE OF INVESTION	Monto Ava Alix								
ROIAS, MIDYS  2885  711-162000  02 FC:1504  1400.00 Dp  300.00 Dp	APPLN. TYPE	SMALL BITITY	ISSUE PEB DUR	PUBLICATION PBB	DUE					
ROIAS, MIDYS  2885  711-162000  02 FC:1504  1400.00 Dp  300.00 Dp	namprovisional	ИО	\$1400	\$300		10/12/2006 RMER	\$1700 RAH1 0000000		10/19/2006	
Change of correspondence address or indication of "Fee Address" (37  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attacked.  Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attacked.  CH "Fee Address" indication (or "Fee Address" indication form PTO/SB/122) attacked.  CH "Fee Address" indication for "Fee Address" indication form PTO/SB/122) attacked.  CH "Fee Address" indication for "Fee Address" indication form PTO/SB/122) attacked.  CH "Fee Address from PTO/SB/122) attacked.  CH "Fee Address" indication for "Fee Address" indication form PTO/SB/122) attacked.  CH "Fee Address" indication for "Fee Address" indication form PTO/SB/122) attacked.  CH "Fee Address" indication for "Fee Address" indication form Indication form in the PTO/SB/122 attacked.  CH "Fee Address" indication for "Fee Address" indication form in the PTO/SB/122 attacked.  CH Tespelored patent attorneys or agent) and the numeroes to general the numeroes a registered attorney or agent) and the numeroes to general the numeroes a registered attorney or agent) and the numeroes to general the numeroes a registered attorney or agent) and the numeroes to general the numeroes are proported attacked.  ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THIS PATENT (print or type)  Individual Temperoes and address of the form is form in form in form in the patent in the numeroes a registered attacked below, the document has been filled for recordation as set forth in 37-CFR 3.11. Completion of this form is form in the patent in the numeroes as a set form in 37-CFR 3.11. The individual of the patent in the p	EXAMINER		ART UNIT	CLASS-SUBCLAS				94880	10033646	
Change of correspondence address or indication of 'fee Address' (or Change of Correspondence address for proposed address for proposed address for process of the past of the past of past of a complete against the past of p	ROJAS, MIDYS		2185	711-162000	UP FC.1EA2 17VV.UD NO		1400.00 DA			
PLEASE NOTE: Unless an assignme in identified below, no assignme data will appear on the patient. If an assignme is identified below, the document has been filted for recordation as set forth in 37.CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. If an assignment is identified below, the document has been filted for recordation as set forth in 37.CFR 3.11. Completion of this form is NOT a substitute for filing an assignment is not assignment in the following for the patient of the	FR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  Free Address indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer			(1) the names of or agents OR, alto (2) the name of a registered attorne 2 registered pater	of up to 3 registered patent attorneys alternatively.  If a single firm (having as a member a mey or agent) and the names of up to them attorneys or agents. If no name is a will be printed.					
Please check the appropriate assignee category or categories (will not be printed on the patent):   Individual   Corporation or other private group entity   Government    Individual   Corporation   Government    I	PLEASE NOTE: Un recordation as set for	dess an assignee is ident th in 37 CFR 3.11. Comp	ified below no sectorize	data will appear on T a substitute for fili	the pa og ao s	atent. If an assignce is i		documen	t has been filed fo	
4a. The following fee(s) are submitted:    Issue Fee   A check is enclosed.   Publication Fee (No small entity discount permitted)   Advance Order - # of Copies   The Director is bereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-4880 (enclose an extra copy of this form).  5. Change in Entity Status (from status indicated above)   A applicant claims \$MALL ENTITY status. See 37 CFR 1.27.   b. Applicant is no longer claiming \$MALL ENTITY status. See 37 CFR 1.27(g)(2).  NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attempt or agent, or the assignee or other party interest as shown by the records of the United State Patent and Trademark Office.    Date   October 11, 2006	нітасні,	LTD.		Tokyo, Jap	an					
Issue Fee   A check is enclosed.   Payment by credit card. Form PTO-2038 is ettached.   Payment by card. In payment by credit card. Form PTO-2038 is ettached.   Payment by credit card. Form PTO-2038 is ettached.   Payment by card. Payment by card. Payment by card. Payment is payment, to Deposit Account Number 19-4880 (card.card. Form PTO-2038 is ettached.   Payment by card. Payment by card. Form PT	Please check the approp	riate assignee category or	categories (will not be p	mited on the patent)	_ 0	Individual 🗹 Corporat	tion or other private	group enti	ty Governmen	
a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.    D. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)[2].    NOTE: The Issue Fee and Publication Feb (if required) will not be accepted from anyone other than the applicant; a registered anomey or agent, or the assignee or other party interest as shown by the records of the United State; Fatent and Trademark Office.    Authorized Signature	issue Fee Publication Fee (	No small entity discount		A check is encl Payment by cre	osed. dit car	d. Form PTO-2038 is set	ached.	deficiency	y, or credit any	
Authorized Signature  Typed or printed name Pavel I. Pogodin  Registration No. 48,205  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a boundit by the public which is to file (and by the USFTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, as submitting the completed application form to the USFTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FERS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria Virginia 22314-1450.			A 45 OFF LOS	☐ b. Applicant is	no lon	ger claiming SMALL EN	TTTY status. See 37	CFR 1.27	7(g)(2).	
Authorized Signature  Typed or printed name Pavel I. Pogodin  Registration No. 48,205  This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a boundit by the public which is to file (and by the USFTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, as submitting the completed application form to the USFTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FERS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria Virginia 22314-1450.	NOTE: The Issue Fee a interest as shown by the	nd Publication Feb (if records of the United St	pured) will not be accept ates Patent and Trademar	ed from anyone other k Office.	than t	he applicant; & registered	BROWNEY OF AGENT OF	( mc azzīg	THE OF OTHER DATES !	
This collection of information is required by 37 CFR. 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the UNF) Or process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, as submitting the completed application form to the USFTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. Box 1450, Harmofina, Virginia 22313-1450. DO NOT SEND FERS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, Virginia 22314-1450.	Authorized Signatur	· Jarl JA				Date October	11, 2006			
This collection of information is required by 37 CFR. 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the UNF) Or process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, as submitting the completed application form to the USFTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. Box 1450, Harmofina, Virginia 22313-1450. DO NOT SEND FERS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, Virginia 22314-1450.	Typed or printed na	Pavel I. Poge	lin\							
	This collection of infor an application. Confide submitting the complet this form and/or sugges Box 1450, Alexandra, Alexandria Virginia 2	mation is required by 37 ontiality is governed by 3 and application form to the stions for rechicing this by Virginia 22313-1450. De 3314-1450.	CFR. 1.311. The informat SU.S.C. 122 and 37 CFR e USPTO. Time will vari rden, should be sent to to O NOT SEND FEES OR							

18/11/2006 17:28



www.sughrue.com

FAX

Date October 11, 2006

To Mail Stop ISSUE FEE

Of U.S. Patent & Trademark Office

Fax (571) 273-2885

From Pavel Pogodin, Reg. No. 48,205

Subject Payment of Issue and Publication Fees

Our Ref CA1468 Your Ref USSN 10/033,646

Pages (including cover sheet)

Please call attention to problems with this transmission by return fax or telephone. Thank you.

THE INFORMATION CONTAINED IN THIS COMMUNICATION IS CONFIDENTIAL, MAY BE ATTORNEY-CLIENT PRIVILEGED, AND IS INTENDED ONLY FOR THE USE OF THE ADDRESSEE. UNAUTHORIZED USE, DISCLOSURE OR COPYING IS STRICTLY PROHIBITED AND MAY BE UNLAWFUL. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE IMMEDIATELY NOTIFY US.

In re application of

Docket No: CA1468

Kenji YAMAGAMI

Appln. No.: 10/033,646

Group Art Unit: 2185

Confirmation No.: 7987

Examiner: Midys ROJAS

Filed: December 27, 2001

For: METHOD AND APPARATUS FOR MANAGING STORAGE BASED REPLICATION

PAPERS ENTITLED:

1) Fee(s) Transmittal (PTOL-85) (in duplicate)

2 pages

2) "Fee Address" Indication Form

1 page